Connor Dooley

connordooley.com

Skills & Abilities

- Programming Languages: Python, C#, Java, C++, JavaScript, TypeScript, Lua
- Markup Languages: HTML, CSS3, LaTeX
- Version control with Git
- Utilizing and building RESTful web services and APIs
- Object-Oriented programming
- Game development using Unity
- Virtual Reality development for Oculus headsets
- Using front end CSS and JavaScript frameworks such as Bootstrap, Bulma, JQuery, and React
- Working with Linux and Windows systems
- Database management with SQL

Education

BS in Computer Science at The University of Georgia, *Class of May 2020*

- Graduated *magna cum laude* (3.75 GPA)
- Relevant coursework: Web Programming, Computer Networks, Game Programming, Systems Programming, Applied Linear Algebra, Software Engineering, Human Computer Interaction
- Extracurricular Activities: WUOG *2018-2020* (DJ, Music staff member)

Professional Experience

VR Developer at UGA's Center for Geospatial Research, *October 2019 – July 2020*

- Research and development of virtual reality environments in Unity for use in an educational setting on Oculus Quest headsets
- Communicating new findings and progress updates in weekly meetings

Intern at Decatur Makers, *May – June 2019*

- Developed Python programs to analyze membership retention and growth over time using the "sticky growth" model

Intern at Acculynk, *July – August 2017*

- Created a Python program for parsing, validation, and consolidation of data from multiple sources for insertion into a SQL database
- Explored applications of the Etherium blockchain as a receipt system for traditional economic transactions

Intern at Acculynk, *July – August 2016*

- Developed a prototype widget for clients to easily integrate Acculynk's debit card processing service Payzur into their website
- Developed an end-to-end encryption tech demo for a client

Activities

Collaborator with Humanitarian Informatics, *August 2019*

- Developed a program to flag potential human rights abuses in Georgia county jails based on publicly available data